

Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Crawford County, Iowa

Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
AdD3: Adair-----	100	Very limited Shrink-swell	1.00	Very limited Depth to saturated zone	1.00	Very limited Slope	1.00
		Slope	0.63	Slope	0.63	Shrink-swell	1.00
		Depth to saturated zone	0.39	Shrink-swell	0.50	Depth to saturated zone	0.39
AdE3: Adair-----	100	Very limited Shrink-swell	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Slope	1.00	Depth to saturated zone	1.00	Shrink-swell	1.00
		Depth to saturated zone	0.39	Shrink-swell	0.50	Depth to saturated zone	0.39
ChD3: Chute-----	100	Somewhat limited Slope	0.04	Somewhat limited Slope	0.04	Very limited Slope	1.00
ChE3: Chute-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Co: Colo-----	100	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Cs: Colo-----	100	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
DoC2: Dow-----	100	Not limited		Not limited		Somewhat limited Slope	0.86
DoD2: Dow-----	100	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
DsD3:							
Dow-----	65	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1.00
Ida-----	35	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1.00
DsE3:							
Dow-----	70	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Ida-----	30	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
DwC2:							
Dow-----	50	Not limited		Not limited		Somewhat limited Slope	0.86
Monona-----	40	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Slope Shrink-swell	0.86 0.50
DwD2:							
Dow-----	60	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1.00
Monona-----	35	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell	0.63 0.50	Very limited Slope Shrink-swell	1.00 0.50
DwD3:							
Dow-----	60	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1.00
Monona-----	35	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell	0.63 0.50	Very limited Slope Shrink-swell	1.00 0.50
DwE2:							
Dow-----	70	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Monona-----	30	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
DwE3: Dow-----	70	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Monona-----	30	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
IdC: Ida-----	100	Not limited		Not limited		Somewhat limited Slope	0.86
IdC3: Ida-----	100	Not limited		Not limited		Somewhat limited Slope	0.86
IdD: Ida-----	100	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1.00
IdD3: Ida-----	100	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1.00
IdE3: Ida-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
IdF3: Ida-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
JdA: Judson-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.16	Somewhat limited Shrink-swell	0.50
JdB: Judson-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.16	Somewhat limited Shrink-swell Slope	0.50 0.01

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
JnB: Judson-----	35	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.16	Somewhat limited Shrink-swell Slope	0.50 0.01
Colo-----	30	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell Slope	1.00 1.00 0.50 0.01
Kb: Kennebec-----	95	Very limited Flooding Shrink-swell	1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 0.61 0.50	Very limited Flooding Shrink-swell	1.00 0.50
Kc: Kennebec-----	95	Very limited Flooding Shrink-swell	1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 0.61 0.50	Very limited Flooding Shrink-swell	1.00 0.50
KnD: Knox-----	100	Somewhat limited Shrink-swell Slope	0.50 0.16	Somewhat limited Shrink-swell Slope	0.50 0.16	Very limited Slope Shrink-swell	1.00 0.50
KnE: Knox-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
KnF: Knox-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
MaA: Marshall-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50

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Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
MaB: Marshall-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Slope	0.50 0.01
MaB2: Marshall-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Slope	0.50 0.01
MaC: Marshall-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Slope Shrink-swell	0.86 0.50
MaC2: Marshall-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Slope Shrink-swell	0.86 0.50
MaD: Marshall-----	100	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell	0.63 0.50	Very limited Slope Shrink-swell	1.00 0.50
MaD2: Marshall-----	100	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell	0.63 0.50	Very limited Slope Shrink-swell	1.00 0.50
MaD3: Marshall-----	100	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell	0.63 0.50	Very limited Slope Shrink-swell	1.00 0.50
MaE2: Marshall-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
MaE3: Marshall-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
MoA: Monona-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50
MoB: Monona-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Slope	0.50 0.01
MoB2: Monona-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Slope	0.50 0.01
MoC: Monona-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Slope Shrink-swell	0.86 0.50
MoC2: Monona-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Slope Shrink-swell	0.86 0.50
MoC3: Monona-----	100	Somewhat limited Shrink-swell	0.50	Not limited		Somewhat limited Slope Shrink-swell	0.86 0.50
MoD: Monona-----	100	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell	0.63 0.50	Very limited Slope Shrink-swell	1.00 0.50
MoD2: Monona-----	100	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell	0.63 0.50	Very limited Slope Shrink-swell	1.00 0.50
MoD3: Monona-----	100	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope	0.63	Very limited Slope Shrink-swell	1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
MoE2: Monona-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
MoE3: Monona-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope	1.00	Very limited Slope Shrink-swell	1.00 0.50
MoF2: Monona-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
MoF3: Monona-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope	1.00	Very limited Slope Shrink-swell	1.00 0.50
MoG3: Monona-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope	1.00	Very limited Slope Shrink-swell	1.00 0.50
NbB: Napier-----	100	Not limited		Not limited		Somewhat limited Slope	0.01
NbC: Napier-----	100	Not limited		Not limited		Somewhat limited Slope	0.86
NbD: Napier-----	100	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1.00
NgC: Napier-----	50	Not limited		Not limited		Somewhat limited Slope	0.48
Gullied Land-----	40	Not rated		Not rated		Not rated	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
NkB:							
Napier-----	40	Not limited		Not limited		Somewhat limited Slope	0.01
Kennebec-----	35	Very limited Flooding Shrink-swell	1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 0.61 0.50	Very limited Flooding Shrink-swell Slope	1.00 0.50 0.01
NkC:							
Napier-----	100	Not limited		Not limited		Somewhat limited Slope	0.86
No:							
Nodaway-----	95	Very limited Flooding Shrink-swell	1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 0.61 0.50	Very limited Flooding Shrink-swell	1.00 0.50
SaD2:							
Salida-----	100	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1.00
SaF2:							
Salida-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
ShC2:							
Shelby-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.16	Somewhat limited Slope Shrink-swell	0.86 0.50
ShD2:							
Shelby-----	100	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell Depth to saturated zone	0.63 0.50 0.16	Very limited Slope Shrink-swell	1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ShE2: Shelby-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell Depth to saturated zone	1.00 0.50 0.16	Very limited Slope Shrink-swell	1.00 0.50
ShF2: Shelby-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell Depth to saturated zone	1.00 0.50 0.16	Very limited Slope Shrink-swell	1.00 0.50
SlF: Shelby-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell Depth to saturated zone	1.00 0.50 0.16	Very limited Slope Shrink-swell	1.00 0.50
SoD3: Shelby-----	100	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell Depth to saturated zone	0.63 0.50 0.16	Very limited Slope Shrink-swell	1.00 0.50
SoE3: Shelby-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell Depth to saturated zone	1.00 0.50 0.16	Very limited Slope Shrink-swell	1.00 0.50
SoF3: Shelby-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell Depth to saturated zone	1.00 0.50 0.16	Very limited Slope Shrink-swell	1.00 0.50

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SoG3: Shelby-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell Depth to saturated zone	1.00 0.50 0.16	Very limited Slope Shrink-swell	1.00 0.50
SpC2: Sparta-----	100	Not limited		Not limited		Somewhat limited Slope	0.86
SpD2: Sparta-----	100	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1.00
SpE2: Sparta-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
SrD3: Steinauer-----	100	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell	0.63 0.50	Very limited Slope Shrink-swell	1.00 0.50
SrE3: Steinauer-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
Zo: Zook-----	100	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 1.00
Zs: Zook-----	100	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 1.00